

<b>Project Title:</b>	Transcriptomic, Oxidative Stress, and Inflammatory Responses to Air Pollutants
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Publication Title	Authors	Journal (Pub date)	Volume/Page	PubMed Link
Air pollution and circulating biomarkers of oxidative stress.	Delfino, Ralph J; Staimer, Norbert; Vaziri, Nosratola D	Air Qual Atmos Health (2011 Mar 1)	4 / 37-52	PubMed Citation
Air pollution exposures and circulating biomarkers of effect in a susceptible population: clues to p ...	Delfino, Ralph J; Staimer, Norbert; Tjoa, Thomas; Gillen, Daniel L; Polidori, Andrea; Arhami, Mohammad; Kleinman, Micheal T; Vaziri, Nosratola D; Longhurst, John; Sioutas, Constantinos	Environ Health Perspect (2009 Aug)	117 / 1232-8	PubMed Citation
Association of biomarkers of systemic inflammation with organic components and source tracers in qua ...	Delfino, Ralph J; Staimer, Norbert; Tjoa, Thomas; Arhami, Mohammad; Polidori, Andrea; Gillen, Daniel L; Kleinman, Michael T; Schauer, James J; Sioutas, Constantinos	Environ Health Perspect (2010 Jun)	118 / 756-62	PubMed Citation
Associations between microvascular function and short-term exposure to traffic-related air pollution ...	Zhang, Xian; Staimer, Norbert; Tjoa, Tomas; Gillen, Daniel L; Schauer, James J; Shafer, Martin M; Hasheminassab, Sina; Pakbin, Payam; Longhurst, John; Sioutas, Constantinos; Delfino, Ralph J	Environ Health (2016 Jul 26)	15 / 81	PubMed Citation
Associations between personal, indoor, and residential outdoor pollutant concentrations: implication ...	Arhami, Mohammad; Polidori, Andrea; Delfino, Ralph J; Tjoa, Thomas; Sioutas, Constantinos	J Air Waste Manag Assoc (2009 Apr)	59 / 392-404	PubMed Citation

Associations of oxidative stress and inflammatory biomarkers with chemically-characterized air pollu ...	Zhang, Xian; Staimer, Norbert; Gillen, Daniel L; Tjoa, Tomas; Schauer, James J; Shafer, Martin M; Hasheminassab, Sina; Pakbin, Payam; Vaziri, Nosratola D; Sioutas, Constantinos; Delfino, Ralph J	Environ Res (2016 Oct)	150 / 306-19	PubMed Citat
Associations of primary and secondary organic aerosols with airway and systemic inflammation in an e ...	Delfino, Ralph J; Staimer, Norbert; Tjoa, Thomas; Arhami, Mohammad; Polidori, Andrea; Gillen, Daniel L; George, Steven C; Shafer, Martin M; Schauer, James J; Sioutas, Constantinos	Epidemiology (2010 Nov)	21 / 892-902	PubMed Citat
Chemical characterization and source apportionment of indoor and outdoor fine particulate matter (PM ...	Hasheminassab, Sina; Daher, Nancy; Shafer, Martin M; Schauer, James J; Delfino, Ralph J; Sioutas, Constantinos	Sci Total Environ (2014 Aug 15)	490 / 528-37	PubMed Citat
Circulating biomarkers of inflammation, antioxidant activity, and platelet activation are associated ...	Delfino, Ralph J; Staimer, Norbert; Tjoa, Thomas; Polidori, Andrea; Arhami, Mohammad; Gillen, Daniel L; Kleinman, Micheal T; Vaziri, Nosratola D; Longhurst, John; Zaldivar, Frank; Sioutas, Constantinos	Environ Health Perspect (2008 Jul)	116 / 898-906	PubMed Citat
Diurnal and seasonal trends in the apparent density of ambient fine and coarse particles in Los Ange ...	Hasheminassab, Sina; Pakbin, Payam; Delfino, Ralph J; Schauer, James J; Sioutas, Constantinos	Environ Pollut (2014 Apr)	187 / 1-9	PubMed Citat
Electrocardiographic ST-segment depression and exposure to traffic-related aerosols in elderly subje ...	Delfino, Ralph J; Gillen, Daniel L; Tjoa, Thomas; Staimer, Norbert; Polidori, Andrea; Arhami, Mohammad; Sioutas, Constantinos; Longhurst, John	Environ Health Perspect (2011 Feb)	119 / 196-202	PubMed Citat
Ethane and n-pentane in exhaled breath are biomarkers of exposure not effect.	Gorham, Katrine A; Sulbaek Andersen, Mads P; Meinardi, Simone; Delfino, Ralph J; Staimer, Norbert; Tjoa, Thomas; Rowland, F Sherwood;	Biomarkers (2009 Feb)	14 / 17-25	PubMed Citat

Examining the representativeness of home outdoor PM(2.5), EC, and OC estimates for daily personal ex ...	Blake, Donald R Ducret-Stich, Regina E; Delfino, Ralph J; Tjoa, Thomas; Gemperli, Armin; Ineichen, Alex; Wu, Jun; Phuleria, Harish C; Liu, L-J Sally	Air Qual Atmos Health (2012 Sep)	5 / 335-351	PubMed Citat
Exposure assessment for atmospheric ultrafine particles (UFPs) and implications in epidemiologic res ...	Sioutas, Constantinos; Delfino, Ralph J; Singh, Manisha	Environ Health Perspect (2005 Aug)	113 / 947-55	PubMed Citat
Fine and ultrafine particulate organic carbon in the Los Angeles basin: Trends in sources and compos ...	Shirmohammadi, Farimah; Hasheminassab, Sina; Saffari, Arian; Schauer, James J; Delfino, Ralph J; Sioutas, Constantinos	Sci Total Environ (2016 Jan 15)	541 / 1083-96	PubMed Citat
Glutathione peroxidase inhibitory assay for electrophilic pollutants in diesel exhaust and tobacco s ...	Staimer, Norbert; Nguyen, Tran B; Nizkorodov, Sergey A; Delfino, Ralph J	Anal Bioanal Chem (2012 Apr)	403 / 431-41	PubMed Citat
Indoor/Outdoor relationships, trends, and carbonaceous content of fine particulate matter in retirem ...	Polidori, Andrea; Arhami, Mohammad; Sioutas, Constantinos; Delfino, Ralph J; Allen, Ryan	J Air Waste Manag Assoc (2007 Mar)	57 / 366-79	PubMed Citat
Mitochondrial genetic background modifies the relationship between traffic-related air pollution exp ...	Wittkopp, Sharine; Staimer, Norbert; Tjoa, Thomas; Gillen, Daniel; Daher, Nancy; Shafer, Martin; Schauer, James J; Sioutas, Constantinos; Delfino, Ralph J	PLoS One (2013)	8 / e64444	PubMed Citat
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Organic compound characterization and source apportionment of indoor and outdoor quasi-ultrafine par ...	Arhami, M; Mingüllón, M C; Polidori, A; Schauer, J J; Delfino, R J; Sioutas, C	Indoor Air (2010 Feb)	20 / 17-30	PubMed Citat
Oxidative potential of coarse particulate matter (PM(10-2.5)) and its relation to water solubility a ...	Shirmohammadi, Farimah; Hasheminassab, Sina; Wang, Dongbin; Saffari, Arian; Schauer, James J; Shafer, Martin M; Delfino, Ralph J; Sioutas, Constantinos	Environ Sci Process Impacts (2015 Dec)	17 / 2110-21	PubMed Citat

Particulate air pollution, ambulatory heart rate variability, and cardiac arrhythmia in retirement c ...	Bartell, Scott M; Longhurst, John; Tjoa, Thomas; Sioutas, Constantinos; Delfino, Ralph J	Environ Health Perspect (2013 Oct)	121 / 1135-41	PubMed Citat
Potential role of ultrafine particles in associations between airborne particle mass and cardiovascular ...	Delfino, Ralph J; Sioutas, Constantinos; Malik, Shaista	Environ Health Perspect (2005 Aug)	113 / 934-46	PubMed Citat
Relations between isoprene and nitric oxide in exhaled breath and the potential influence of outdoor ...	Khan, Alya; Staimer, Norbert; Tjoa, Thomas; Galassetti, Pietro; Blake, Donald R; Delfino, Ralph J	J Breath Res (2013 Sep)	7 / 036007	PubMed Citat
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Traffic-related air pollution and blood pressure in elderly subjects with coronary artery disease.	Delfino, Ralph J; Tjoa, Thomas; Gillen, Daniel L; Staimer, Norbert; Polidori, Andrea; Arhami, Mohammad; Jamner, Larry; Sioutas, Constantinos; Longhurst, John	Epidemiology (2010 May)	21 / 396-404	PubMed Citat